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A list of the articles and papers in the science facilities collection of the Architectural Services Staff is presented. It has been prepared to serve as a bibliography that may be useful to persons searching for data on the design of science facilities, and as a means of informing such persons of the material available for reference in the offices of the National Science Foundation in Washington, D. C. In addition to the references included in this publication, the collection contains many manufacturers' product catalogs covering the laboratory equipment, furnishings and construction components used in science facilities. Articles and papers are listed for the following topical areas--(1) physical plant planning, (2) physical plant cost and management, (3) space utilization and measurement, (4) general design and construction of science facilities, (5) environmental conditions for learning, (6) science building type studies, and (7) special facilities and equipment. (RK)

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LITERATURE RELATED TO PLANNING, DESIGN AND CONSTRUCTION OF

SCIENCE FACILITIES

NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C. 20550

JULY 1967 NSF 67-10

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LITERATURE RELATED TO PLANNING, DESIGN AND CONSTRUCTION OF

SCIENCE FACILITIES

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FOREWORD

The National Science Foundation established an Architectural Services Staff in 1963 to provide professional support in the areas of architectural design, engineering and construction. This support has been employed in the evaluation of proposals to aid the construction of science facilities. The establishment of a reference library was found to be required at the beginning of this activity to provide advice to those who look to the Foundation for guidance in facility design. Gradually, a collection of reports, papers and other literature has been assembled, dealing with the many aspects of architecture, construction and equipment for science facilities.

This publication is a list of the articles and papers in the science facilities collection of the Architectural Services Staff. It has been prepared to serve as a bibliography that may be useful to persons searching for data on the design of science facilities, and as a means of informing such persons of the material available for reference in the offices of the National Science Foundation in Washington.

In addition to the references included in this publication, the collection contains may manufacturer's product catalogs covering the laboratory equipment, furnishings and construction components used in science facilities. This literature is not listed because of its high rate of obsolescence. National Science Foundation visitors are also welcome to use this part of the reference collection.

HAROLD HOROWITZ,

Supervisory Architect,
Architectural Services Staff,
Institutional Relations.

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I. PHYSICAL PLANT PLANNING

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LITERATURE RELATED TO PLANNING, DESIGN AND CONSTRUCTION OF SCIENCE FACILITIES

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Building Officials Conference of America, Inc., 1313 East 60th Street, Chicago, Illinois 60637.

Center for Architectural Research, School of Architecture, Rensselaer Polytechnic Institute, Troy, New York 12180.

Chemical Rubber Company, 18901 Cranwood Parkway, Cleveland, Ohio 44128.

Clearinghouse for Federal Scientific and Technical Information, National Bureau of Standards, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151.

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Educational Facilities Laboratories, Inc., 477 Madison Avenue, New York, New York 10022.

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National Academy of Sciences, National Research Council, 2101 Constitution Avenue, N.W., Washington, D. C. 20418.

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